





PRELIMINARY REPORT  
INDUSTRY SERIES**1982**  
**Census of**  
**Construction Industries**

CC82-I-16(P)

Issued March 1984

CARPENTERING SPECIAL TRADE CONTRACTORS  
(Industry 1751)

During 1982, the establishments with paid employees classified in this industry accounted for \$5,640 million in total business receipts. Of this amount, \$5,578 million were receipts for construction work. These establishments paid out \$1,938 million for materials, components, supplies, and fuels and \$716 million for construction work subcontracted to others. This industry had total average employment of 134,000 employees with total payroll of \$1,644 million. Value added for 1982 was \$2,986 million.

Establishments classified in this industry are primarily engaged in carpentry work and the installation of prefabricated windows and doors (except revolving doors). Ship joinery contractors are also included in this industry. Special trade contractors primarily engaged in drywall, acoustical, or building insulation work are classified in industry 1742. Carpentry done in repair shops is classified in industry 7699. For specific examples, refer to the 1972 Standard Industrial Classification (SIC) Manual, and its 1977 supplement, published by the Office of Management and Budget, Executive Office of the President.

For this census, a "construction establishment" was defined as a relatively permanent office or other place of business at which or from which the usual business activities related to construction were conducted. A separate census report was required from each establishment but not from each construction site. Instead, the data for work at each site were included in the report from the appropriate office or branch office. Foreign construction activities were not included in this census.

The 1982 estimates for establishments with paid employees in all of the construction industries are based on reports from a probability sample of approximately 172,000 establishments selected from a universe of about 498,000 construction establishments with payroll. The data obtained from the sample were weighted to represent all construction establishments with payroll. Complete descriptions of the sampling and estimating procedures will be included in the final reports.

Since the data in this report are based on a sample, they are subject to sampling variability and may be expected to differ from results which would have been obtained if a complete census had been taken using the same questionnaires and procedures. The relative standard error shown in the tables is a measure of sampling variability, i.e., the variation that might occur by chance because only a sample of the population was surveyed.

All data shown are based on current dollars for the years specified and have not been adjusted for inflation.

U.S. Department  
of Commerce  
BUREAU OF  
THE CENSUS

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Table 1. General Statistics for Establishments With Payroll by States: 1982 and 1977

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4]

Location of establishment	1982							
	Number of establishments	Employees**		Payroll		Construction worker hours (thousands)	Total construction receipts	Net construction receipts†
		All	Construction workers	All employees	Construction workers			
A	B	C	D	E	F	G	H	
United States -----	30 634	134 000	118 189	1 643 782	1 376 986	178 987	5 577 542	4 861 829
Alabama -----	325	1 030	985	7 717	7 328	1 441	27 984	25 105
Alaska -----	96	338	321	6 676	6 183	527	24 688	20 133
Arizona -----	384	3 509	3 068	42 338	34 724	4 514	138 606	130 896
Arkansas -----	162	456	430	3 446	3 101	614	14 120	12 037
California -----	2 122	13 799	11 580	211 095	169 152	16 640	704 452	628 869
Colorado -----	729	3 339	2 929	36 797	31 273	4 368	125 526	109 770
Connecticut -----	686	2 449	2 148	28 767	24 424	3 345	96 820	84 111
Delaware -----	125	410	363	4 738	3 848	590	17 231	14 263
District of Columbia -----	8	116	97	1 578	1 283	156	5 309	3 529
Florida -----	1 504	7 885	7 103	81 039	67 560	10 954	252 429	224 973
Georgia -----	560	2 826	2 636	24 766	22 041	4 094	86 083	67 725
Hawaii -----	119	521	413	9 220	7 038	602	46 684	27 886
Idaho -----	138	322	288	2 783	2 637	418	12 619	11 797
Illinois -----	1 521	6 667	5 642	103 390	82 691	8 591	351 326	304 818
Indiana -----	588	2 227	1 951	21 965	18 470	3 002	74 397	62 717
Iowa -----	571	1 815	1 595	17 441	15 127	2 367	65 190	60 006
Kansas -----	319	890	819	9 645	8 473	1 216	31 045	29 222
Kentucky -----	333	1 448	1 326	14 265	12 706	2 056	50 320	44 976
Louisiana -----	528	3 894	3 478	65 464	53 158	6 265	153 126	138 378
Maine -----	351	912	841	8 569	7 676	1 237	34 684	29 511
Maryland -----	699	3 636	3 149	48 828	40 625	5 118	145 612	128 825
Massachusetts -----	980	3 574	3 155	44 407	38 427	4 940	158 931	132 686
Michigan -----	900	3 171	2 654	44 137	34 936	3 820	158 018	137 427
Minnesota -----	767	2 504	2 205	31 532	25 815	3 260	111 471	100 794
Mississippi -----	242	830	720	6 372	5 450	1 083	22 485	20 198
Missouri -----	567	2 821	2 457	41 628	35 315	3 693	121 629	108 229
Montana -----	197	545	490	6 318	5 887	725	25 090	20 988
Nebraska -----	332	987	916	10 594	9 383	1 362	43 294	34 976
Nevada -----	119	788	682	12 468	11 014	969	40 930	38 303
New Hampshire -----	275	1 033	979	9 930	9 322	1 506	31 006	27 914
New Jersey -----	1 286	5 006	4 454	65 738	56 972	7 003	237 457	211 448
New Mexico -----	130	760	689	7 001	6 107	1 084	28 639	24 467
New York -----	2 071	10 718	9 100	147 555	121 124	14 174	516 570	450 360
North Carolina -----	832	2 999	2 778	22 121	19 970	3 989	81 006	68 818
North Dakota -----	172	383	356	3 216	2 919	516	12 083	11 579
Ohio -----	1 187	4 413	3 800	60 042	51 245	5 774	210 192	182 114
Oklahoma -----	463	2 333	2 147	24 925	20 791	3 296	81 449	69 133
Oregon -----	315	885	776	8 470	7 026	1 109	32 533	28 637
Pennsylvania -----	1 643	5 898	5 202	66 565	56 222	7 938	238 816	208 334
Rhode Island -----	171	438	389	5 061	4 133	527	19 562	16 943
South Carolina -----	381	1 357	1 256	11 821	10 205	1 839	47 729	37 913
South Dakota -----	183	422	337	3 627	3 056	482	15 098	13 511
Tennessee -----	426	1 710	1 612	15 199	14 075	2 468	54 076	48 936
Texas -----	2 158	11 410	10 584	128 354	113 146	16 022	411 672	345 815
Utah -----	236	721	671	6 261	5 775	1 052	21 589	18 599
Vermont -----	181	431	390	3 339	3 130	566	16 920	14 137
Virginia -----	786	3 531	3 107	39 936	30 733	4 938	141 343	127 723
Washington -----	592	2 084	1 832	21 615	17 822	2 135	76 776	63 459
West Virginia -----	171	544	503	4 995	4 197	697	17 590	16 005
Wisconsin -----	901	2 837	2 446	35 669	29 536	3 488	126 430	107 357
Wyoming -----	87	364	328	4 344	3 723	395	18 895	15 467



1982—Con.						1977			Relative standard error of estimate (percent) for column—			Location of establishment
Value added††	Payments for materials, components, supplies, and fuels	Payments for construction work sub-contracted to others	Rental payments for machinery, equipment, and structures	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees**	Total construction receipts	Value added††				
I	J	K	L	M	N	O	P	Q	B	H	M	
2 985 530	1 938 294	715 713	52 492	76 183	691 324	124 646	3 597 222	2 083 098	1	(W)	1	U.S.
15 466	10 556	2 878	141	819	4 278	1 280	29 626	13 899	12	12	23	Ala.
14 579	6 921	4 555	219	780	6 469	215	6 500	5 183	13	20	17	Alaska
66 313	66 018	7 710	1 486	2 599	17 740	2 825	86 299	42 025	6	4	6	Ariz.
7 383	4 786	2 083	110	119	2 272	801	15 847	8 872	15	14	31	Ark.
379 242	259 036	75 583	12 076	8 199	82 268	18 291	731 273	398 412	2	2	4	Calif.
65 892	46 120	15 755	1 732	2 087	15 602	2 345	58 400	34 213	6	7	9	Colo.
54 106	30 826	12 708	894	930	12 301	2 160	54 329	34 625	6	6	10	Conn.
8 310	5 982	2 968	99	198	2 060	284	7 258	4 035	17	17	33	D.C.
2 108	1 441	1 780	90	69	670	(D)	2 029	1 430	34	32	35	Del.
135 401	91 650	27 456	2 373	4 161	29 523	5 856	122 447	77 169	5	4	8	Fla.
43 521	24 982	18 358	596	1 367	7 333	1 691	34 703	23 709	9	7	13	Ga.
19 693	8 258	18 798	578	584	6 433	320	11 950	8 022	11	11	17	Hawaii
7 057	4 928	822	103	387	2 264	428	10 408	6 887	15	16	30	Idaho
186 944	124 539	46 507	2 697	2 751	46 814	9 003	380 398	211 110	3	3	5	Ill.
38 395	25 253	11 679	851	857	9 906	1 963	50 931	28 707	7	6	14	Ind.
33 304	27 528	5 184	291	607	9 443	1 834	48 335	30 105	10	8	15	Iowa
16 468	12 866	1 822	319	874	5 282	1 294	31 137	19 517	11	12	22	Kans.
30 511	14 868	5 344	355	489	5 144	1 629	31 117	20 889	9	8	10	Ky.
108 706	30 047	14 748	1 396	1 048	17 859	1 037	27 041	15 685	4	3	13	La.
16 573	(D)	5 173	327	886	7 783	746	18 703	9 343	12	13	15	Maine
82 790	(D)	16 787	1 255	2 138	17 127	3 473	84 424	51 811	4	4	9	Md.
82 416	51 502	26 245	1 037	2 444	15 407	2 169	68 564	36 698	5	5	12	Mass.
80 311	58 355	20 590	948	1 801	20 246	4 532	139 379	96 335	5	6	8	Mich.
56 375	45 999	10 677	823	1 841	16 636	1 911	58 773	31 011	6	6	13	Minn.
11 733	8 534	2 287	112	371	3 643	831	17 673	7 927	15	16	24	Miss.
67 257	42 763	13 400	739	2 198	17 871	2 592	73 358	45 667	5	5	5	Mo.
11 714	9 529	4 102	111	482	3 453	424	9 778	6 220	13	12	26	Mont.
22 310	13 720	8 318	333	829	6 984	974	21 957	13 105	9	13	19	Nebr.
23 663	15 377	2 626	402	395	3 848	1 069	28 601	17 577	16	23	22	Nev.
15 998	11 937	3 092	131	567	3 231	365	8 305	5 163	17	11	21	N.H.
128 889	84 448	26 009	2 310	2 286	22 304	3 956	118 100	66 132	4	4	11	N.J.
11 901	12 795	4 172	309	275	3 115	712	10 955	7 410	15	17	21	N. Mex.
282 245	171 388	66 210	3 492	6 572	52 957	6 434	207 335	117 524	3	3	6	N.Y.
40 293	29 229	12 187	418	1 192	11 401	2 377	52 626	30 038	7	7	13	N.C.
6 944	5 278	504	59	202	1 567	304	7 025	4 565	15	17	24	N. Dak.
113 016	70 969	28 078	1 510	1 699	27 464	5 780	150 832	90 699	4	4	10	Ohio
45 806	24 353	12 316	623	1 662	9 316	1 629	46 172	22 596	9	8	16	Okla.
17 097	12 870	3 896	582	408	4 110	1 642	44 393	26 234	11	12	27	Oreg.
125 609	85 937	30 482	2 012	3 194	31 049	5 297	145 317	89 807	4	4	8	Pa.
9 575	7 491	2 619	57	137	2 123	298	7 694	3 756	13	16	37	R.I.
21 879	16 219	9 816	288	659	5 532	1 336	25 770	15 842	10	11	12	S.C.
7 609	6 517	*1 587	170	664	4 222	192	3 301	1 975	18	22	28	S. Dak.
27 775	21 303	5 140	361	751	7 725	1 922	28 914	17 799	10	10	22	Tenn.
223 385	123 919	65 857	4 119	5 987	46 598	9 151	180 585	105 467	4	3	6	Tex.
11 496	7 654	2 990	279	551	2 682	861	20 773	12 419	17	14	20	Utah
8 000	6 184	2 783	119	297	2 115	257	6 733	3 440	15	16	30	Vt.
79 973	49 029	13 620	1 202	2 336	17 462	4 585	100 302	56 901	6	5	22	Va.
37 607	28 269	13 316	869	555	8 926	1 925	58 542	35 277	7	8	9	Wash.
9 024	7 267	1 584	52	*350	3 959	244	6 875	4 542	17	15	51	W. Va.
65 436	43 908	19 072	846	2 963	24 457	3 060	92 763	56 956	6	6	18	Wis.
7 413	8 080	3 427	173	548	2 329	(D)	*12 485	6 378	12	8	36	Wyo.

**Table 2. Construction Receipts for Establishments With Payroll by Type of Construction: 1982 and 1977**

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4]

Item	1982	1977	Relative standard error of estimate (percent)	
			1982	1977
<b>Total construction receipts</b> .....	<b>5 577 542</b>	<b>3 597 222</b>	<b>1</b>	<b>1</b>
Building construction .....	4 618 353	3 091 500	1	1
Single-family houses .....	2 224 999	2 010 129	1	1
Apartment buildings with two or more apartments .....	432 642	335 160	3	2
Other residential buildings .....	77 812	31 557	4	14
Industrial buildings and warehouses .....	544 760	222 657	2	3
Office and bank buildings .....	521 843	142 455	2	4
Stores, restaurants, public garages, and automobile service stations .....	406 004	152 722	2	5
Educational buildings .....	117 235	55 670	6	5
Hospitals and institutional buildings .....	112 257	55 063	4	4
Other nonresidential buildings .....	180 801	86 089	14	5
Nonbuilding construction .....	105 474	68 986	4	10
Construction work, n.s.k. ....	853 714	436 769	2	3

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The following abbreviations and symbols are used in the tables in this publication:

- \* Sampling error exceeds 40 percent.
- \*\* All employees (average) is the sum of construction workers during pay period including 12th of March, May, August, and November divided by 4, added to all others, March 12th.
- Represents zero.
- † Represents total construction receipts less payments for construction work subcontracted to others.
- †† Represents all business receipts less payments for construction work subcontracted to others, and payments for materials, components, supplies, and fuels. In SIC's 1531 and 6552, land receipts are also subtracted from "all business receipts."
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate, associated standard error, or a consistency review.
- (W) Greater than zero but less than 1 percent.
- (X) Not applicable.
- n.s.k. Not specified by kind.



